

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/996,611C  
Source: FWJ16  
Date Processed by STIC: 2/20/04

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221**

**Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>**

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFW16

## RAW SEQUENCE LISTING

DATE: 02/20/2004

PATENT APPLICATION: US/09/996,611C

TIME: 08:16:11

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\02202004\I996611C.raw

1 <110> APPLICANT: Chou, Min-Yuan  
 2 Leu, Charng-Yih  
 4 <120> TITLE OF INVENTION: Novel Human alpha 1 Chain Collagen  
 6 <130> FILE REFERENCE: 32350-176844  
 8 <140> CURRENT APPLICATION NUMBER: US 09/996,611C  
 9 <141> CURRENT FILING DATE: 2001-11-30  
 11 <150> PRIOR APPLICATION NUMBER: TAIWAN 89128027  
 12 <151> PRIOR FILING DATE: 2000-12-27  
 14 <160> NUMBER OF SEQ ID NOS: 15  
 16 <170> SOFTWARE: Microsoft Word

Does Not Comply  
 Corrected Diskette Needed

pp 1-3

## ERRORED SEQUENCES

534 <210> SEQ ID NO: 6  
 535 <211> LENGTH: 12 22 shown below  
 536 <212> TYPE: DNA  
 537 <213> ORGANISM: Homo sapiens  
 539 <220> FEATURE:  
 540 <223> OTHER INFORMATION: primer  
 542 <400> SEQUENCE: 6  
 E--> 543 gggtcacctt tgettcctt ag  
 546 <210> SEQ ID NO: 7  
 547 <211> LENGTH: 13 23  
 548 <212> TYPE: DNA  
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 551 <220> FEATURE:  
 552 <223> OTHER INFORMATION: primer  
 554 <400> SEQUENCE: 7  
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 566 <400> SEQUENCE: 8  
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 570 <210> SEQ ID NO: 9  
 571 <211> LENGTH: 11 21 p.2  
 572 <212> TYPE: DNA  
 573 <213> ORGANISM: Homo sapiens  
 575 <220> FEATURE:

12 22

13 23

14 24

## RAW SEQUENCE LISTING

DATE: 02/20/2004

PATENT APPLICATION: US/09/996,611C

TIME: 08:16:11

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\02202004\I996611C.raw

576 <223> OTHER INFORMATION: primer  
 578 <400> SEQUENCE: 9  
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 582 <210> SEQ ID NO: 10  
 583 <211> LENGTH: 16  
 584 <212> TYPE: DNA  
 585 <213> ORGANISM: Homo sapiens  
 587 <220> FEATURE:  
 588 <223> OTHER INFORMATION: primer  
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 595 <211> LENGTH: 14  
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 599 <220> FEATURE:  
 600 <223> OTHER INFORMATION: primer  
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 608 <212> TYPE: DNA  
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 612 <223> OTHER INFORMATION: primer  
 614 <400> SEQUENCE: 12  
 E--> 615 ttcttggaac ccgaggatta atg  
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 636 <223> OTHER INFORMATION: primer  
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 648 <223> OTHER INFORMATION: primer

(11) 21

(16) 26

(14) 24

(13) 23

(12) 22

(14) 24

RAW SEQUENCE LISTING

DATE: 02/20/2004

PATENT APPLICATION: US/09/996,611C

TIME: 08:16:11

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\02202004\I996611C.raw

650 <400> SEQUENCE: 15

E--> 651 ttagtgatgg tgatggtgat gtcacatagtt tggtcctttt ctg

23 43

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/996,611C

DATE: 02/20/2004

TIME: 08:16:12

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\02202004\I996611C.raw

L:543 M:254 E: No. of Bases conflict, LENGTH:Input:12 Counted:22 SEQ:6  
 L:543 M:252 E: No. of Seq. differs, <211> LENGTH:Input:12 Found:22 SEQ:6 ✓  
 L:555 M:254 E: No. of Bases conflict, LENGTH:Input:13 Counted:23 SEQ:7  
 L:555 M:252 E: No. of Seq. differs, <211> LENGTH:Input:13 Found:23 SEQ:7 ✓  
 L:567 M:254 E: No. of Bases conflict, LENGTH:Input:14 Counted:24 SEQ:8 ✓  
 L:567 M:252 E: No. of Seq. differs, <211> LENGTH:Input:14 Found:24 SEQ:8 ✓  
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 L:579 M:252 E: No. of Seq. differs, <211> LENGTH:Input:11 Found:21 SEQ:9 ✓  
 L:591 M:254 E: No. of Bases conflict, LENGTH:Input:16 Counted:26 SEQ:10 ✓  
 L:591 M:252 E: No. of Seq. differs, <211> LENGTH:Input:16 Found:26 SEQ:10 ✓  
 L:603 M:254 E: No. of Bases conflict, LENGTH:Input:14 Counted:24 SEQ:11 ✓  
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 L:615 M:252 E: No. of Seq. differs, <211> LENGTH:Input:13 Found:23 SEQ:12 ✓  
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 L:627 M:252 E: No. of Seq. differs, <211> LENGTH:Input:12 Found:22 SEQ:13 ✓  
 L:639 M:254 E: No. of Bases conflict, LENGTH:Input:14 Counted:24 SEQ:14 ✓  
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 L:651 M:252 E: No. of Seq. differs, <211> LENGTH:Input:23 Found:43 SEQ:15 ✓